INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 110.00440102	Serial No.: Unknown
		(Parent: 09/155,036)
	Applicant(s): Lawrence P. Wackett et al.	
	Filing Date: Even date herewith	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
RH		4,745,064	05/17/88	Cook et al.	435	252.1	
RH		5,508,193	04/16/96	Mandelbaum	435	253.3	
RH		5,429,949	07/04/95	Radosevich et al.	435	252.1	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	SubClass	Translation Yes	Translation No
RH		WO 90/07576	07/12/90	PCT	—	—		
		WO 91/01087	02/07/91	PCT	—	—		
		WO 95/01437	01/12/95	PCT	—	—		
		WO 95/22625	08/24/95	PCT	—	—		
		WO 97/15675	05/01/97	PCT	—	—		
RH		EP 0 141 784	05/15/85	EPO	—	—		

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

RH			Arkin et al., "An algorithm for protein engineering: Simulations of recursive ensemble mutagenesis," Proc. Natl. Acad. Sci. USA, 89, 7811-7815 (1992).
			Armstrong et al., "Adsorption Catalyzed Chemical Hydrolysis of Atrazine," Environ. Sci. Technol., 2, 683-689 (1968).
			Bartel et al., "Isolation of New Ribozymes from a Large Pool of Random Sequences," Science, 261, 1411-1418 (1993).
			Behki et al., "Degradation of Atrazine by Pseudomonas: N-Dealkylation and Dehalogenation of Atrazine and Its Metabolites," J. Agric. Food Chem., 34, 746-749 (1986).
			Behki et al., "Metabolism of the Herbicide Atrazine by Rhodococcus Strains," Appl. Environ. Microbiol., 59, 1955-1959 (1993).
RH			Bergmann et al., "Determination of Trace Amounts of Chlorine in Naphtha," Analytical Chem., 29, 241-243 (1957).

EXAMINER	Date Considered 1/24/03

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RH			Bock et al., "Selection of single-stranded DNA molecules that bind and inhibit human thrombin," Nature, 355, 564-566 (1992).
			de Bruijin et al., "The use of transposon Tn5 mutagenesis in the rapid generation of correlated physical and genetic maps of DNA segments cloned into multicopy plasmids -- a review," Gene, 27, 131-149 (1984).
			Burchfield et al., "Pyridine-Alkali Reactions in the Analysis of Pesticides Containing Active Halogen Atoms," Agricultural and Food Chemistry, 6, 106-110 (1958).
			Caldwell et al., "Limits of Diffusion in the Hydrolysis of Substrates by the Phosphotriesterase from Pseudomonas diminuta," Biochem., 30, 7438-7444 (1991).
			Calogero et al., "In vivo recombination and the production of hybrid genes," FEMS Microbiology Lett., 97, 41-44 (1992).
			Caren et al., "Efficient Sampling of Protein Sequence Space for Multiple Mutants," Bio/Technology, 12, 517-520 (1994).
			Cook, "Biodegradation of s-triazine xenobiotics," FEMS Microbiol Rev., 46, 93-116 (1987).
			Cook et al., "s-Triazines as Nitrogen Sources for Bacteria," J. Agric. Food Chem., 29, 1135-1143 (1981).
			Cwirla et al., "Peptides on phage: A vast library of peptides for identifying ligands," Proc. Natl. Acad. Sci. USA, 87, 6378-6382 (1990).
			Delagrave et al., "Searching Sequence Space to Engineer Proteins: Exponential Ensemble Mutagenesis," Bio/Technology, 11, 1548-1552 (1993).
			Delagrave et al., "Recursive ensemble mutagenesis," Protein Engineering, 6, 327-331 (1993).
			Eaton et al., "Cloning and Analysis of s-Triazine Catabolic Genes from Pseudomonas sp. Strain NRRLB-12227," J. Bacteriol., 173, 1215-1222 (1991).
			Eaton et al., "Cloning and Comparison of the DNA Encoding Ammelide Aminohydrolase and Cyanuric Acid Amidohydrolase from Three s-Triazine-Degrading Bacterial Strains," J. Bacteriol., 173, 1362-1366 (1991).
RH			EMBL Database entry TT3ITRA, Accession Number M13165, July 16, 1988, Sequence: Huang et al., "Analysis of Tn3 sequences required for transposition and immunity," Gene, 41, 23-31 (1986).

EXAMINER	Date Considered 1/24/03

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RP			EMBL Database Entry RCTRZA, Accession Number L16534, October 2, 1993, Shao et al., Rhodococcus corallinus (NRRL 15444B) N-ethylammeline chlorohydrolase (trzA) gene, complete cds.
			Epstein, "Estimation of Microquantities of Cyanide," Analytical Chemistry, 19, 272-276 (1947).
			Erickson et al., "Degradation of atrazine and related s-triazines," Critical Rev. Environ. Cont., 19, 1-13 (1989).
			Giardina et al., "4-Amino-2-chloro-1,3,5-triazine: A New Metabolite of Atrazine by a Soil Bacterium," Agric. Biol. Chem., 44, 2067-2072 (1980).
			Goldman et al., "An Algorithmically Optimized Combinational Library Screened by Digital Imaging Spectroscopy," Bio/Technology, 10, 1557-1561 (1992).
			Habig et al., "Assays for Differentiation of Glutathione s-transferases," Methods in Enzymology, 77, 398-405 (1981).
			Hayashi et al., "Simultaneous Mutagenesis of Antibody CDR Regions by Overlap Extension and PCR," Biotechniques, 17, 310-315 (1994).
			Hermes et al., "Searching sequence space by definably random mutagenesis: Improving the catalytic potency of an enzyme," Proc. Natl. Acad. Sci. USA, 87, 696-700 (1990).
			Jessee et al., "Anaerobic Degradation of Cyanuric Acid, Cysteine, and Atrazine by a Facultative Anaerobic Bacterium," Appl. Environ. Microbiol., 45, 97-102 (1983).
			Leung et al., "A Method for Random Mutagenesis of a Defined DNA Segment using a Modified Polymerase Chain Reaction," Technique, 1, 11-15 (1989).
			Loos, "Indicator media for microorganisms degrading chlorinated pesticides," Can. J. Microbiol., 21, 104-107 (1975).
			Maleki et al., "Degradation of Atrazine by Soil Consortia: Characterization of Enzymatically Active Fractions from Cell-Bound and Cell-Free Enrichment Cultures," Abstracts of the 95th General Meeting of the American Society for Microbiology, Abstract No. Q-88, 415 (1995).
			Mandelbaum et al., "Isolation and Characterization of a Pseudomonas sp. That Mineralizes the s-Triazine Herbicide Atrazine," Appl. Environ. Microbiol., 61, 1451-1457 (1995).
RP			Mandelbaum et al., "Mineralization of the s-Triazine Ring of Atrazine by Stable Bacterial Mixed Cultures," Appl. Environ. Microbiol., 59, 1695-1701 (1993).

EXAMINER	Date Considered 1/24/03

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RV			Mandelbaum et al., "Rapid Hydrolysis of Atrazine to Hydroxyatrazine by Soil Bacteria," Environ. Sci.Technol., 27, 1943-1946 (1993).
			Maniatis et al., Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Press, Cold Spring Harbor, NY, title page and table of contents (1989).
			Marton et al., "DNA nicking favors PCR recombination," Nucl. Acids Res., 19, 2423-2426 (1991).
			McCafferty et al., "Phage antibodies: filamentous phage displaying antibody variable domains," Nature, 348, 552-554 (1990).
			Meyerhans et al., "DNA recombination during PCR," Nucl. Acids Res., 18, 1687-1691 (1990).
			Minshull et al., "Metabolic Pathway Engineering by Directed Evolution," abstract, Biodegradation of Organic Pollutants, UIB-GBF-CSIC-TUB Symposium, Mallorca (June 29 - July 3, 1996).
			Mulbry, "Purification and Characterization of an Inducible s-Triazine Hydrolase from Rhodococcus corallinus NRRL B-15444R," Applied and Environmental Microbiology, 60, 613-618 (1994).
			Nagy et al., "A Single Cytochrome P-450 System Is Involved in Degradation of the Herbicides EPTC (S-Ethyl Dipropylthiocarbamate) and Atrazine by Rhodococcus sp.Strain NI86/21," Applied and Environmental Microbiology, 61, 2056-2060 (1995).
			Nair et al., "Effect of Two Electron Acceptors on Atrazine Mineralization Rates in Soil," Environ. Sci. Technol., 26, 2298-2300 (1992).
			Nissim et al., "Antibody fragments from a 'single pot' phage display library as immunochemical reagents," EMBO J., 13, 692-698 (1994).
			Oliphant et al., "Cloning of random-sequence oligodeoxynucleotides," Gene, 44, 177-183 (1986).
			Radke et al., "Evaluation of the Pyridine-Alkali Colorimetric Method for Determination of Atrazine," J. Agr. Food Chem., 14, 70-73 (1966).
			Radosevich et al., "Degradation and Mineralization of Atrazine by a Soil Bacterial Isolate," Appl. Environ. Microbiol., 61, 297-302 (1995).
			Ragab et al., "Colorimetric Methods for the Determination of Simazine and Related Chloro-s-triazines," J. Agr. Food. Chem., 16, 284-289 (1968).
RV			Scott et al., "Searching for Peptide Ligands with an Epitope Library," Science, 249, 386-390 (1990).

EXAMINER	Date Considered 4/21/03

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RD			Shao et al., "Cloning and Expression of the s-Traizine Hydrolase Gene (trzA) from Rhodococcus corallinus and Development of Rhodococcus Recombinant Strains Capable of Dealkylating and Dechlorinating the Herbicide Atrazine," Journal of Bacteriology, 177, 5748-5755 (1995).
			Shao et al., "Cloning of the Genes for Degradation of the Herbicides EPTC (S-Ethyl Dipropylthiocarbamate) and Atrazine from Rhodococcus sp. Strain TE1," Appl. Environ. Microbiol., 61, 2061-2065 (1995).
			de Souza et al., "Identification of a Gene Cluster from Pseudomonas sp. ADP, Involved in Atrazine Biodegradation," Abstracts of the 95th General Meeting of the American Society for Microbiology 1995, abstract Q-89, 415 (May 21-25, 1995).
			de Souza et al., "Cloning, Characterization, and Expression of a Gene Region from Pseudomonas sp. Strain ADP Involved in the Dechlorination of Atrazine," Appl. Environ. Microbiol., 61, 3373-3378 (1995).
			de Souza et al., "Atrazine Chlorohydrolase from Pseudomonas sp. Strain ADP: Gene Sequence, Enzyme Purification, and Protein Characterization," J. Bacteriology, 178, 4894-4900 (1996).
			Stemmer et al., "DNA shuffling by random fragmentation and reassembly: In vitro recombination for molecular evolution," Proc. Natl. Acad. Sci. USA, 91, 10747-10751 (1994).
			Stemmer et al., "Rapid evolution of a protein in vitro by DNA shuffling," Nature, 370, 389-391 (1994).
			U.S. Department of Agriculture-BARD Program, Grant No. 94-34339-112, obtained from the Department of BARD, abstract only (1994).
			Winter et al., "Making Antibodies by Phage Display Technology," Ann. Rev. Immunol., 12, 433-455 (1994).
RH			Yanze-Kontchou et al., "Mineralization of the Herbicide Atrazine as a Carbon Source by a Pseudomonas Strain," Appl. Environ. Microbiol., 60, 4297-4302 (1994).

EXAMINER	Date Considered 1/7/03

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